

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12 7	96	((("5643689") or ("5741611") or ("5860359") or ("6194072") or ("4394180") or ("6238535") or ("5387330") or ("5900031") or ("5976724") or ("6068673") or ("6110615") or ("6342267") or ("6419808") or ("6468499") or ("6210498") or ("6210498") or ("5861329") or ("6277550") or ("6416941") or ("6478987") or ("6767664") or ("6770393") or ("4454567") or ("5017508") or ("6010798") or ("4350414") or ("4378691") or ("5063428") or ("5324599") or ("5436925") or ("5635039") or ("5814546") or ("5916505") or ("6149810") or ("6461586") or ("4355162") or ("4459406") or ("5314683") or ("6410203") or ("4874902") or ("5350819") or ("5383089") or ("5506316") or ("5623090") or ("5665492") or ("5750013") or ("6231746") or ("6403772") or ("6444396") or ("4791079")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/05 10:49
S12 6	94	((("6235417") or ("5320716") or ("4529997") or ("5808352") or ("5821705") or ("6278239") or ("5821185") or ("5573648") or ("6037514") or ("5520789") or ("5786040") or ("6281403") or ("6303242") or ("6322676") or ("6375885") or ("6153163") or ("4293450") or ("6090500") or ("5432450") or ("6180698") or ("5650054") or ("6183898") or ("4525871") or ("4804592") or ("4911803") or ("4995699") or ("5449697") or ("5561000") or ("5608767") or ("5631526") or ("5661366") or ("5757146") or ("5817221") or ("5871625") or ("5882304") or ("5928804") or ("5981095") or ("6001248") or ("6207313") or ("6485868") or ("6514575") or ("5229040") or ("5682261") or ("6387230") or ("5654113") or ("4497701") or ("4542081") or ("4985315") or ("5350643") or ("5549983")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/05 10:49

## EAST Search History

S12 8	106	(("4827071") or ("5202788") or ("6586127") or ("6844098") or ("4560444") or ("4594297") or ("6059943") or ("6059943") or ("4573768") or ("4795533") or ("4795536") or ("4797185") or ("4824528") or ("5217506") or ("5219675") or ("5919583") or ("6953634") or ("5382481") or ("5512391") or ("4513069") or ("5580681") or ("5393404") or ("5672258") or ("6214487") or ("6214891") or ("6214487") or ("6248469") or ("6849354") or ("3786340") or ("4325611") or ("4329660") or ("4374360") or ("4403397") or ("4433901") or ("4506224") or ("4514628") or ("4519930") or ("4587493") or ("4586991") or ("4601853") or ("4617936") or ("4851780") or ("RE33040") or ("4879005") or ("4914669") or ("4938928") or ("4992737") or ("5279932") or ("5290405") or ("5302274")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/05 10:50
S13 1	42	S129 and (electron\$2 same (organic or carboniz\$3 or aliphatic or aromatic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 10:56
S13 2	4	S131 and (proton\$2 same (phosphorus or sulfur or carboxylic or "solid acid" or solid\$1state))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 10:57
S13 3	1	S131 and "mixed conductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 10:58
S13 0	13	S129 and "mixed conductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 10:58
S13 4	8	"mixed conductor" and "electron conductor" and "proton conductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 10:59

## EAST Search History

S13 7	106	(("4827071") or ("5202788") or ("6586127") or ("6844098") or ("4560444") or ("4594297") or ("6059943") or ("6059943") or ("4573768") or ("4795533") or ("4795536") or ("4797185") or ("4824528") or ("5217506") or ("5219675") or ("5919583") or ("6953634") or ("5382481") or ("5512391") or ("4513069") or ("5580681") or ("5393404") or ("5672258") or ("6214487") or ("6214891") or ("6214487") or ("6248469") or ("6849354") or ("3786340") or ("4325611") or ("4329660") or ("4374360") or ("4403397") or ("4433901") or ("4506224") or ("4514628") or ("4519930") or ("4587493") or ("4586991") or ("4601853") or ("4617936") or ("4851780") or ("RE33040") or ("4879005") or ("4914669") or ("4938928") or ("4992737") or ("5279932") or ("5290405") or ("5302274")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/05 12:39
S13 6	96	(("5643689") or ("5741611") or ("5860359") or ("6194072") or ("4394180") or ("6238535") or ("5387330") or ("5900031") or ("5976724") or ("6068673") or ("6110615") or ("6342267") or ("6419808") or ("6468499") or ("6210498") or ("6210498") or ("5861329") or ("6277550") or ("6416941") or ("6478987") or ("6767664") or ("6770393") or ("4454567") or ("5017508") or ("6010798") or ("4350414") or ("4378691") or ("5063428") or ("5324599") or ("5436925") or ("5635039") or ("5814546") or ("5916505") or ("6149810") or ("6461586") or ("4355162") or ("4459406") or ("5314683") or ("6410203") or ("4874902") or ("5350819") or ("5383089") or ("5506316") or ("5623090") or ("5665492") or ("5750013") or ("6231746") or ("6403772") or ("6444396") or ("4791079")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/05 12:39

## EAST Search History

S13 5	94	(("6235417") or ("5320716") or ("4529997") or ("5808352") or ("5821705") or ("6278239") or ("5821185") or ("5573648") or ("6037514") or ("5520789") or ("5786040") or ("6281403") or ("6303242") or ("6322676") or ("6375885") or ("6153163") or ("4293450") or ("6090500") or ("5432450") or ("6180698") or ("5650054") or ("6183898") or ("4525871") or ("4804592") or ("4911803") or ("4995699") or ("5449697") or ("5561000") or ("5608767") or ("5631526") or ("5661366") or ("5757146") or ("5817221") or ("5871625") or ("5882304") or ("5928804") or ("5981095") or ("6001248") or ("6207313") or ("6485868") or ("6514575") or ("5229040") or ("5682261") or ("6387230") or ("5654113") or ("4497701") or ("4542081") or ("4985315") or ("5350643") or ("5549983")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/05 12:39
S12 9	296	S126 or S127 or S128	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 12:39
S13 8	31	(S135 or S136 or S137) and (covalent or intercalat\$3 or inclusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/05 12:40
S13 9	2	("5423967").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/05 13:19
S1	718	electron adj conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/05 13:19
S14 2	0	S141 and "mixed conductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/06 14:18

## EAST Search History

S14 1	2	("7018604").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/06 14:18
S14 0	16	(("7018604") or ("20060001430") or ("20050104045") or ("20040227129") or ("20040191160") or ("20040096720") or ("2004102588")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/06 14:18
S14 5	0	S141 and electro\$2conduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/06 14:19
S14 4	0	S141 and "electron conducting"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/06 14:19
S14 3	0	S141 and "proton conducting" and "electron conducting"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/06 14:19
S14 6	1	S141 and proto\$2conduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/06 14:20
S14 7	4	(("4804592") or ("6187157")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/06 14:21